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(54) Title: THERMOSTABLE ENZYME COMPOSITIONS

(57) **Abstract:** The present invention relates to a composition comprising at least two thermostable enzymes selected from the group consisting of endoglucanase, xylanase, phytase, protease, galactanase, mannanase, dextranase, and alpha-galactosidase. The thermostable enzymes have a melting temperature, T_m, of at least 70°C. Preferred compositions comprise a xylanase of glycoside hydrolase family 11, and an endoglucanase which is homologous to a thermostable glycoside hydrolase family 5 endoglucanase derived from *Thermosascus aurantiacus*. Preferred xylanases are derived from *Aspergillus*, *Bacillus*, *Humicola*, *Thermomyces* and *Trichoderma*. The composition is particularly useful for animal feed purposes. Optional additional components are vitamins, minerals, and anti-microbial peptides.